

M/ 40069 -

= SU 155888

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91-085387/12 A60 E13 (A13) CHRE = 11.12.87
 CHEM REAGENT PURE *SU 1558-888-A
 11.12.87-SU-393581 (23.04.90) C07c-07/20 C07c-15/46
 Inhibiting polymerisation of styrene by adding N-oxy-
 tetra-methyl-delta-piperidyl piperazine in specified amts.
 C91-036420

Use of N-(1-oxy-2,2,6,6-tetramethyl-delta3-piperidyl-4) -piperazine
 of formula (I) as inhibitor of polymerisation of styrene, increases the
 efficiency of the treatment. The cpd. (I) is added to styrene in amt. of
 0.005-0.05 wt.% compared with 0.1-2.88 wt.% when the known N-
 oxide-2,2,6,6-tetramethyl piperidine is used.

ADVANTAGE - Lower consumption of the inhibitor and the amt. of
 oxidation prods. in styrene is reduced from 0.22-1.00 to 0.0006-0.00155
 wt.%. Bul.15/23.4.90 (2pp Dwg.No.0/0)

A(1-D3, 2-C) E(7-D4D, 7-D11)

